

Issuing Date 23-Jan-2012

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### 1. PRODUCT AND COMPANY IDENTIFICATION

**Product name** Lubspar 107

**Product code** 0288

**Supplier Address**

Tulco Oils, Inc.  
5240 E. Pine Street  
Tulsa, Oklahoma 74115

**Chemical Emergency Phone Number** Chemtrec 1-800-424-9300

**Company Emergency Phone Number** 800-375-2347

### 2. HAZARDS IDENTIFICATION

#### Emergency Overview

The product contains no substances which at their given concentration, are considered to be hazardous to health

**Appearance:** clear liquid

**Physical State:** liquid.

**Odor:** mild

**Environmental hazard** See Section 12 for additional Ecological Information

### 3. COMPOSITION/INFORMATION ON INGREDIENTS

| Chemical Name | CAS-No      | Weight %  |
|---------------|-------------|-----------|
| Trade Secret  | Proprietary | 90 - 100% |

### 4. FIRST AID MEASURES

**Eye contact** Wash off with plenty of water. If irritation persists, call a physician.

**Skin contact** Remove and wash contaminated clothing before re-use. Wash with soap & water for 20 minutes. See physician if irritation persists.

**inhalation** Remove to fresh air. Seek medical attention if symptoms develop.

**INGESTION** Seek medical attention if discomfort occurs. Material is practically non-toxic. Do NOT induce vomiting

**Notes to Physician** Treat symptomatically

### 5. FIRE-FIGHTING MEASURES

**Flammable properties** Not flammable

**flash point** = 360 °F

**Suitable Extinguishing Media** Water spray or fog, foam, dry chemical, carbon dioxide if product is involved.

**Unsuitable Extinguishing Media** Do not use a solid water stream as it may scatter and spread fire

**Explosion data**

**Sensitivity to Mechanical Impact** None.

**Sensitivity to Static Discharge** None.

**Protective equipment and precautions for firefighters** As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH (approved or equivalent) and full protective gear

**NFPA** health hazard 0 Flammability 1 Stability 0 **Physical and chemical hazards -**

**HMIS** health hazard 0 Flammability 1 physical hazard 0 **Personal Protection -**

## 6. ACCIDENTAL RELEASE MEASURES

**Personal precautions** Ensure adequate ventilation

**Environmental precautions** Try to prevent the material from entering drains or water courses

**Methods for Containment** Prevent further leakage or spillage if safe to do so

**Methods for cleaning up** Pick up and transfer to properly labeled containers

## 7. HANDLING AND STORAGE

**Advice on safe handling** Wash thoroughly after handling

**Technical measures/Storage conditions** Keep in a dry, cool and well-ventilated place Store away from strong oxidizing agents or combustible material.

## 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

**Exposure Guidelines**

**Engineering Measures** Showers  
Eyewash stations  
Ventilation systems

**Personal protective equipment**

**Eye/face protection**

Splash proof chemical goggles.

**Skin and body protection**

Neoprene, Nitrile or Viton gloves recommended. Avoid direct contact with the substance.

**Respiratory protection**

If exposure limits are exceeded or irritation is experienced, NIOSH/MSHA approved respiratory protection should be worn. Positive-pressure supplied air respirators may be required for high airborne contaminant concentrations. Respiratory protection must be provided in accordance with current local regulations.

**Hygiene measures** Remove and wash contaminated clothing before re-use.

## 9. PHYSICAL AND CHEMICAL PROPERTIES

**9.1 Information on basic physical and chemical properties**

|                        |              |                       |                          |
|------------------------|--------------|-----------------------|--------------------------|
| <b>Physical State:</b> | liquid       | <b>Odor:</b>          | mild                     |
| <b>Appearance:</b>     | clear liquid | <b>Odor Threshold</b> | No information available |
| <b>Color</b>           | colorless    |                       |                          |

**PROPERTY**

**Values**

|                    |          |
|--------------------|----------|
| <b>pH</b>          |          |
| <b>flash point</b> | = 360 °F |
| <b>Pour point</b>  | = -45 °F |

|  |                          |
|--|--------------------------|
| evaporation rate                       |                          |
| Flammability (solid, gas)              |                          |
| Flammability Limits in Air             |                          |
| Upper flammability limit               |                          |
| Lower flammability limit               |                          |
| Explosion Limits                       |                          |
| FLASH POINT °F/C                       |                          |
| Lower                                  |                          |
| Vapor Pressure                         |                          |
| vapor density                          |                          |
| Specific gravity                       |                          |
| Water solubility                       | negligible               |
| Solubility in other solvents           |                          |
| Partition coefficient: n-octanol/water |                          |
| Autoignition temperature               |                          |
| Decomposition temperature              |                          |
| Viscosity, kinematic                   | 63 @ 100F SUS            |
| Viscosity, dynamic                     |                          |
| Explosive properties                   | No information available |
| Oxidizing properties                   | No information available |

**9.2 OTHER INFORMATION**

|                    |                          |
|--------------------|--------------------------|
| VOC Content(%)     | No information available |
| Density VALUE      | No information available |
| Bulk Density VALUE | No information available |

**10. STABILITY AND REACTIVITY**

|   |  |
|---|--|
| <b>Stability</b>                        | Stable under recommended storage conditions  |
| <b>Incompatible products</b>            | Strong oxidizing agents  |
| <b>Conditions to Avoid</b>              | Heat (temperatures above flash point), sparks, ignition points, flames, static electricity |
| <b>Hazardous Decomposition Products</b> | Oxides of carbon and other asphyxiants.  |
| <b>Hazardous polymerization</b>         | Hazardous polymerization does not occur  |

**11. TOXICOLOGICAL INFORMATION****Acute toxicity****Product Information**

| Chemical Name | LD50 Oral            | LD50 Dermal             | LC50 Inhalation         |
|---------------|----------------------|-------------------------|-------------------------|
| Trade Secret  | > 5000 mg/kg ( Rat ) | > 2000 mg/kg ( Rabbit ) | = 2.18 mg/L ( Rat ) 4 h |

**Chronic Toxicity**

| Chemical Name | ACGIH TLV - 5mg/m <sup>3</sup> ,<br>ACGIH STEL - 10mg/m <sup>3</sup> ,<br>OSHA PEL - 5mg/m <sup>3</sup> | IARC    | NTP | OSHA |
|---------------|---|---------|-----|------|
| Trade Secret  | A2  | Group 1 |     | X    |

|                             |            |
|-----------------------------|------------|
| <b>Target Organ Effects</b> | None known |
|-----------------------------|------------|

**12. ECOLOGICAL INFORMATION****Ecotoxicity**

The environmental impact of this product has not been fully investigated

| Chemical Name | Toxicity to algae | Toxicity to fish                         | Toxicity to Microorganisms | Toxicity to daphnia and other aquatic invertebrates |
|---------------|-------------------|--|----------------------------|---|
| Trade Secret  |                   | 5000: 96 h Oncorhynchus mykiss mg/L LC50 |                            | 1000: 48 h Daphnia magna mg/L EC50                  |

### 13. DISPOSAL CONSIDERATIONS

#### Waste Disposal Methods

This material, as supplied, is not a hazardous waste according to Federal regulations (40 CFR 261). This material could become a hazardous waste if it is mixed with or otherwise comes in contact with a hazardous waste, if chemical additions are made to this material, or if the material is processed or otherwise altered. Consult 40 CFR 261 to determine whether the altered material is a hazardous waste. Consult the appropriate state, regional, or local regulations for additional requirements

#### Contaminated packaging

Do not re-use empty containers

### 14. TRANSPORT INFORMATION

|                                    |  |
|------------------------------------|--|
| <u>DOT</u><br>Proper shipping name | Not regulated<br>Petroleum Lubricating Oil |
| <u>TDG</u>                         | Not regulated                              |
| <u>MEX</u>                         | Not regulated                              |
| <u>ICAO</u>                        | Not regulated                              |
| <u>ICAO/IATA</u>                   | Not regulated                              |
| <u>IMDG / IMO</u>                  | Not regulated                              |
| <u>RID</u>                         | Not regulated                              |
| <u>ADR/RID</u>                     | Not regulated                              |
| <u>ADN</u>                         | Not regulated                              |

### 15. REGULATORY INFORMATION

#### International Inventories

|        |          |
|--------|----------|
| TSCA   | TSCA     |
| DSL    | Complies |
| NDSL   | Complies |
| EINECS | Complies |
| ELINCS | -        |
| ENCS   | Complies |
| IECSC  | Complies |
| KECL   | Complies |
| PICCS  | Complies |
| AICS   | Complies |

TSCA - United States Toxic Substances Control Act Section 8(b) Inventory

DSL/NDSL - Canadian Domestic Substances List/Non-Domestic Substances List

EINECS/ELINCS - European Inventory of Existing Commercial Chemical Substances/EU List of Notified Chemical Substances

ENCS - Japan Existing and New Chemical Substances

IECSC - China Inventory of Existing Chemical Substances

KECL - Korean Existing and Evaluated Chemical Substances

PICCS - Philippines Inventory of Chemicals and Chemical Substances

AICS - Australian Inventory of Chemical Substances

#### U.S. Federal Regulations

**SARA 313**

Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 (SARA). This product does not contain any chemicals which are subject to the reporting requirements of the Act and Title 40 of the Code of Federal Regulations, Part 372

**SARA 311/312 Hazard Categories**

|  |    |
|--|----|
| <b>Acute Health Hazard</b>               | No |
| <b>Chronic Health Hazard</b>             | No |
| <b>Fire Hazard</b>                       | No |
| <b>Sudden release of pressure hazard</b> | No |
| <b>Reactive Hazard</b>                   | No |

**Clean Water Act**

This product does not contain any substances regulated as pollutants pursuant to the Clean Water Act (40 CFR 122.21 and 40 CFR 122.42)

**CERCLA**

This material, as supplied, does not contain any substances regulated as hazardous substances under the Comprehensive Environmental Response Compensation and Liability Act (CERCLA) (40 CFR 302) or the Superfund Amendments and Reauthorization Act (SARA) (40 CFR 355). There may be specific reporting requirements at the local, regional, or state level pertaining to releases of this material

**U.S. State Regulations****California Proposition 65**

California Proposition 65

**U.S. State Right-to-Know Regulations****International Regulations****Canada**

This product has been classified in accordance with the hazard criteria of the Controlled Products Regulations (CPR) and the MSDS contains all the information required by the CPR

|                              |
|------------------------------|
| <b>16. OTHER INFORMATION</b> |
|------------------------------|

|                      |                           |
|----------------------|---------------------------|
| <b>Issuing Date</b>  | 23-Jan-2012               |
| <b>Revision date</b> | 13-Aug-2013               |
| <b>Revision Note</b> | No information available. |

**Disclaimer**

The information provided on this MSDS is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guide for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered as a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other material or in any process, unless specified in the text.

**End of Material Safety Data Sheet**